

Abstract of the Disclosure

A pneumatic front suspension assembly for an industrial vehicle comprises: a front axle linked to a pair of side-members, and a pair of airbags for adjusting the height of the axle relative to the side-members. On each side, there is provided a rigid arm whereof one end is articulated relative to the side-members, and the other end receives the axle and the lower part of the suspension air bags; a pair of connecting rods mutually articulated about a pin substantially parallel to the axle, one of said connecting rods, the upper connecting rod, being articulated relative to the side-member, the other connecting rod, the lower connecting rod, being articulated relative to the rigid arm, and a generally U-shaped additional element, forming an anti-roll bar, and including a transverse rod linked to the lower connecting rods at their articulation points with the rigid arms, and branches located on either side of the transverse rod, and linked to the lower connecting rods.